

In the Claims

This listing of claims will replace all prior versions and listings of claims in the application:

Claim 1. (Canceled)

1 2. A computer implemented method of rasterizing a page in a
2 page description language in a multiprocessor integrated circuit
3 comprising the steps of:

4 interpreting said page in said page description language with
5 a first processor of said multiprocessor integrated circuit;

6 spawning a subtask from said first processor to another of
7 said processors for sorting polygon edges in increasing minimum Y
8 coordinate.

1 3. The computer implemented method of claim 4, wherein:

2 said first processor is a reduced instruction set processor
3 having a floating point computation unit; and

4 each of said other processors is a digital signal processor
5 having an integer multiplier unit.

1 4. The computer implemented method of claim 5, further
2 comprising:

3 spawning a subtask from said first processor to another of
4 said processors for detecting a Y coordinate of edge intersection
5 via successive midpoint approximation.

1 5. The computer implemented method of claim 5, further
2 comprising:

3 calculating a Y coordinate of edge intersection employing said
4 floating point calculation unit of said first processor.

Claims 6 to 10. (Canceled)